

(19) World Intellectual Property  
Organization  
International Bureau



(43) International Publication Date  
23 June 2005 (23.06.2005)

PCT

(10) International Publication Number  
**WO 2005/056775 A1**

(51) International Patent Classification<sup>7</sup>: C12N 1/20

449-846 (KR). SIM, Jae-Ick [KR/KR]; 205-1604, Seongyeong2cha Apt., Jeungpo-dong, Icheon-si, Gyeonggi-do 467-110 (KR).

(21) International Application Number:  
PCT/KR2004/002993

(22) International Filing Date:  
18 November 2004 (18.11.2004)

(74) Agent: LEE, Duck-Rog; YEIL Patent & Trademark International, YEILPAT Bldg., 669-17, Yorksam-dong, Kangnam-ku, 669-17, Yorksam-dong, Kangnam-ku, Seoul 135-915 (KR).

(25) Filing Language: Korean

(26) Publication Language: English

(30) Priority Data:  
10-2003-0089714  
10 December 2003 (10.12.2003) KR

(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(71) Applicant (for all designated States except US): CJ CORP. [KR/KR]; 500, Namdaemunno 5 ga, Jung-gu, Seoul 100-095 (KR).

(72) Inventors; and

(75) Inventors/Applicants (for US only): PARK, Young-Hoon [KR/KR]; 111-102, Mujigaedaerim Apt., Gumi-dong, Bundang-gu, Seongnam-si, Gyeonggi-do 463-703 (KR). CHANG, Jea-Young [KR/KR]; 101-1701, Samick Apt., 766-4, Hogue-dong, Dongan-gu, Anyang-si, Gyeonggi-do 431-080 (KR). LEE, Jin-Nam [KR/KR]; 106-101, Hyundai Apt., Gimnangjang-dong, Yongin-si, Gyeonggi-do 449-709 (KR). OH, Ki-Hoon [KR/KR]; Deokpyeong 1-2-ri, Majang-myeon, Icheon-si, Gyeonggi-do 467-812 (KR). KIM, Jeong-Hwan [KR/KR]; 1-1401, Geukdong Apt., Garak 2-dong, Songpa-gu, Seoul 138-743 (KR). OH, Yoon-Suk [KR/KR]; 101-1501, Dongbo Apt., 703, Pungdeokcheon-ri, Suji-eup, Yongin-si, Gyeonggi-do

(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

**Published:**

— with international search report

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: A MICROORGANISM PRODUCING 5'-XANTHYLIC ACID

(57) Abstract: The invention relates to a microorganism, obtained by treating Corynebacterium ammoniagenes KCCM 10488 producing 5'-Xanthylic acid as parent strain with UV radiation and mutation Derivatives such as N-methyl-N'-nitro-N-nitrosoguanidine (NTG), Having a resistance to 5-fluorotryptophan which enhances Biosynthesis of N5-N10- tetrahydrofolate used for transferring Two formyl group during the process of purifying biosynthesis, making It possible to accumulate 5'xanthylic acid in culture medium at a high Yield and high concentration rate same period of fermentation.



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